## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. Ser. No. : 10/644,288

Inventor : Paul Diamond

Filing Date : August 20, 2003

Title : REGULATION OF POLYNUCLEIC ACID

ACTIVITY AND EXPRESSION

Examiner : I. Popa

Group Art Unit : 1633

FILED VIA EFS-WEB July 15, 2007

## Mail Stop Amendment

Commissioner for Patents Alexandria, VA 22313-1450

## AMENDMENT AND RESPONSE

This paper is timely filed in response to the non-final Office Action mailed May 2, 2007 in the referenced application ("Present Office Action;" "OA").

A supplemental Information Disclosure Statement ("IDS") is also submitted herewith. Payment of One Hundred Eighty Dollars (\$180.00) has been made by credit card to cover the IDS submission fee under 37 C.F.R. §1.17(p).

Payment of Fifty Dollars (\$50.00) has also been made by credit card for the addition of two dependent claims in excess of twenty for a small entity pursuant to 37 C.F.R. §1.16(i).

Amendments to the claims are reflected in the listing of claims beginning on page 2.

Remarks begin on page 8 of this paper.